

## REMARKS/ARGUMENTS

In response to the objection to the Title, a new Title has been propounded.

Reconsideration of the objection to the drawings is respectfully requested. We believe that the subject matter of claim 36 is not amenable to any particular kind of drawing and that the subject matter of claim 35 is clearly represented in Figure 5. It is also represented in Figure 6, 3<sup>rd</sup> block and in Figure 1, item number 6.

Therefore, reconsideration is respectfully requested.

With respect to the objection set forth in paragraph 5, the requested change has been made.

With respect to the objection in paragraphs 8 and 9 under Section 101, the suggested amendment has been made.

Turning to the Section 102 rejection of claim 20, set forth in paragraph 11, reconsideration is respectfully requested. Nothing in the trace cache of Park suggests any use of any dependency descriptor. Nothing in the field 506 or 508 suggests any dependency information. The fields 506 and 508 are current loop iteration count and total loop iteration count. It is not seen how any possible analysis of this information could qualify for the dependency descriptor, especially since dependency descriptor is defined in the present application in paragraph 23.

Therefore, reconsideration is respectfully requested.

The same arguments apply to claim 28 and its dependent claims. Therefore, reconsideration is requested.

Claim 1 was rejected based on Wang. However, claim 1 was amended to add material which was formerly in dependent claim 35 and was apparently indicated to be allowable.

Therefore, reconsideration of the rejection of claim 1 is respectfully requested.

Claim 10 has been amended to include the subject matters of dependent claims 11 and 35. It is not believed that claim 34 is necessary to establish the patentability of the claim and, therefore, it is respectfully submitted that the rejection of claim 10, as amended, should be reconsidered.

In view of these remarks, the application should now be in condition for allowance.

Respectfully submitted,



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Timothy N. Trop, Reg. No. 28,994  
TROP, PRUNER & HU, P.C.  
1616 South Voss Road, Suite 750  
Houston, TX 77057-2631  
713/468-8880 [Phone]  
713/468-8883 [Fax]

Attorneys for Intel Corporation